

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Robert (Ricky) Shiao Examiner #: 79521 Date: 7/3/05  
Art Unit: 1626 Phone Number: 2-0707 Serial Number: 10/622130  
Mail Box and Bldg/Room Location: 5A10/SC18 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

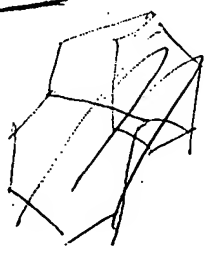
Title of Invention: Heterodiamondoids \* any question please call me at 2-0707  
Inventors (please provide full names): Lia et al

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

I search a heterodiamondoid compound have a diamondoid nucleus selected from trimantane or tetramantane nucleus, and the nucleus has a atom selected from N, S, O (see Fig 1, 5, 6, 7, 8)

II search a compound (see Fig 2), of the ring structure and one of carbon atom is replaced by N, O, S, Se, B, P, As



## STAFF USE ONLY

Searcher: [Signature] Type of Search \_\_\_\_\_ Vendors and cost where applicable \_\_\_\_\_  
Searcher Phone #: 22504 NA Sequence (#) \_\_\_\_\_ STN ☒  
AA Sequence (#) \_\_\_\_\_ Dialog \_\_\_\_\_